

IN THE SPECIFICATION

Please replace the paragraph beginning at page 9, line 20, and ending on page 10, line 19, with the following rewritten paragraph:

A temperature indicating material of the present invention including an electron donating compound A, an electron accepting compound B, a reversible material C causing reversible transformation between crystal and amorphous states, or reversible transformation between phase separation and non-phase-separation, with respect to a part or all of the composition system, and a temperature characteristic controller D. The temperature characteristic controller D is solid-state in room temperature. At least a part of the temperature characteristic controller D dissolves in the electron accepting compound A B, the reversible material C, or the electron accepting compound A B and the reversible material C so as to change speed of the reversible transformation between crystal and amorphous, or speed of the reversible transformation between phase separation and non-phase-separation, with respect to the composition system, by its reversible transformation between crystal and amorphous, or speed of the reversible transformation between phase separation and non-phase separation. The ratio between one mutual action and another mutual action, one mutual action is the mutual action between the electron donating compound A and the electron accepting compound B after phase separation with respect to the composition system in accordance with change of temperature and time after initialized by heating and quenching, another mutual action is the mutual action between the electron donating compound A and the electron accepting compound B before initialized, is same or more to the same kind of ratio with respect to the temperature indicating material not including the temperature characteristic controller D.